

The Commonwealth of Massachusetts

1943

ASSESSMENTS

FOR

INTEREST, SINKING FUNDS,
SERIAL BONDS AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

Compiled in the Office of
FRANCIS X. HURLEY
TREASURER AND RECEIVER-GENERAL



The Commonwealth of Massachusetts

TREASURY DEPARTMENT, Sept. 1, 1943.

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, sinking funds, serial bond payments and maintenance for 1943, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 1, 1942, no bonds have been issued.

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

METROPOLITAN SEWER

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system, shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

METROPOLITAN WATER

SECTION 26. (As amended by section 2 of chapter 543 of the Acts of 1943.) The state treasurer, for the purpose of making the apportionment to the towns in the metropolitan water district of the amount required in each year to pay the interest, sinking fund requirements and expenses of maintenance and operation of the metropolitan water system, shall, in each year, apportion such amount to the towns in said district, one third in proportion to their valuations, and the remaining two thirds in proportion to their consumption, in the preceding year, of water received from all sources of supply as determined by the commission and certified to said state treasurer; provided, that there shall be included in reckoning such proportion only one fifth of the total valuation, and nothing for consumption of water, for any town which has not reached the safe capacity of its present sources of supply or of the sources of supply of the water company by which it is supplied, as the case may be, determined as aforesaid, or which has not made application to said commission for water; and provided, further, that the assessment of any town assessed upon its full valuation, which obtains a part of its water supply from other than district sources, shall not exceed, by more than three two hundredths of one per cent of such valuation, the product of the total number of million gallons of water supplied to said town in the preceding

year from the metropolitan water system by a cost per million gallons equal to forty dollars plus the product of twenty dollars by the ratio of the town's valuation to the aggregate valuation of all members of the district and by the inverse ratio of the town's total water consumption to the aggregate consumption of all members in the preceding year. If any town is admitted to the metropolitan water district too late in any year to share with the other members the total district assessment for that year, it shall be assessed and pay as a part of its assessment for the following year a sum equal to the product of the total number of million gallons of water furnished it by the district during the balance of the year of its admission by a cost per million gallons equal to forty dollars plus the product of twenty dollars by the ratio of the town's valuation to the aggregate valuation of all members of the district and by the inverse ratio of the town's total water consumption to the aggregate consumption of all members in the preceding year. The state treasurer shall annually notify each town assessed under the provisions of this section and of section ten, of the amount of its assessment, and the same shall be paid by the town to the commonwealth at the time required for the payment of, and as a part of, its state tax.

As used in this chapter, the word "valuation" means the taxable valuation last established by the general court as a basis of apportionment for state and county taxes.

METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. The proportions in which each town of said district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of reservations, exclusive of Nantasket beach reservation and the Charles river basin, and any deficiency in the amounts previously paid in, as found by said treasurer, shall be apportioned according to the average percentage of valuation and population, determined as to any town by adding together the percentage which the valuation of the same bears to the total valuation of the towns of the district and the percentage which the population of the same bears to the total population of the towns of the district, and dividing this sum by two.

SECTION 56. (As amended by chapter 197 of the Acts of 1933.) The proportion in which each town of the metropolitan parks district, including Cohasset with respect to the maintenance of Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of said reservation and the Charles river basin and any deficiency in the amounts previously paid in, as found by said treasurer, shall be based upon the respective taxable valuations of the property of said towns. The cost of maintenance of boulevards shall be annually appropriated by the general court from the Highway Fund.

SECTION 57. (As Amended by chapter 197 of the Acts of 1933.) The commission shall annually, in accordance with the provisions of the three preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of

maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury at the time required for the payment of its proportion of the state tax.

SECTION 59. For the purpose of the five preceding sections, the words "taxable valuation of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

FRANCIS X. HURLEY,
Treasurer and Receiver-General.

TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1943

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North and South Systems	Charles River Basin	Total
Arlington .	\$85,585 58	\$14,594 74	\$50,327 58 n	\$5,438 55	\$155,946 45
Belmont .	66,690 63	11,554 71	38,173 19 n	4,708 42	121,126 95
Boston .	3,079,008 81	326,320 27	88,990 90 n	157,070 73	3,924,544 67
	—	—	273,153 96 s	—	—
Braintree .	—	6,351 29	14,495 04 s	2,453 38	23,299 71
Brookline .	198,764 21	29,639 63	61,241 84 s	13,679 05	303,324 73
Cambridge .	—	42,411 18	144,392 80 n	41,362 32	228,166 30
Canton .	—	2,252 38	5,269 72 s	822 03	8,344 13
Chelsea .	108,687 56	12,366 48	45,252 53 n	3,992 52	170,299 09
Cohasset .	—	187 29	—	—	187 29
Dedham .	—	6,106 52	13,874 73 s	2,379 00	22,360 25
Dover .	—	1,064 95	—	526 04	1,590 99
Everett .	178,982 81	17,340 20	59,533 04 n	6,525 10	262,381 15
Hingham .	—	3,586 45	—	1,489 56	5,076 01
Hull .	—	2,768 67	—	1,485 63	4,254 30
Lexington .	30,316 15	—	18,264 24 n	—	48,580 39
Lynn .	—	34,287 13	—	12,431 66	46,718 79
Malden .	136,476 55	18,995 88	67,598 02 n	6,582 25	229,652 70
Medford .	130,682 67	21,119 23	74,667 36 n	7,436 32	233,905 58
Melrose .	56,694 63	9,393 71	32,247 69 n	3,535 71	101,871 74
Milton .	47,629 17	8,731 25	19,005 77 s	3,691 10	79,057 29
Nahant .	8,556 10	1,133 55	—	529 08	10,218 73
Needham .	—	5,552 97	12,258 95 s	2,301 92	20,113 84
Newton .	21,559 23	34,789 47	74,643 77 s	15,098 77	146,091 24
Norwood .	—	—	13,962 10 s	—	13,962 10
Quincy .	201,026 90	30,017 55	68,195 06 s	11,728 75	310,968 26
Reading .	—	—	14,211 72 n	—	14,211 72
Revere .	70,824 20	10,472 50	38,125 34 n	3,425 97	122,848 01
Saugus .	—	4,420 06	—	1,420 33	5,840 39
Somerville .	272,091 10	30,004 40	110,499 12 n	9,513 60	422,108 22
Stoneham .	23,234 21	3,837 03	13,301 20 n	1,409 14	41,781 58
Stoughton .	—	—	6,363 85 s	—	6,363 85
Swampscott .	33,249 81	5,155 45	—	2,203 65	40,608 91
Wakefield .	—	5,477 57	19,305 51 n	1,940 33	26,723 41
Walpole .	—	—	7,767 50 s	—	7,767 50
Waltham .	—	13,784 63	33,953 23 s	4,950 28	52,688 14
Watertown .	103,241 42	13,023 48	30,180 17 s	4,876 22	151,321 29
Wellesley .	—	8,784 12	18,249 68 s	4,023 05	31,056 85
Weston .	—	2,098 74	—	963 21	3,061 95
Westwood .	—	1,562 40	—	658 16	2,220 56
Weymouth .	—	11,010 72	24,066 69 s	4,631 94	39,709 35
Winchester .	—	7,202 83	23,234 88 n	3,074 66	33,512 37
Winthrop .	44,298 79	6,005 36	20,854 71 n	2,212 42	73,371 28
Woburn .	—	6,014 99	21,881 33 n	1,968 45	29,864 77
	\$4,897,600 53 ¹	\$769,419 78	\$1,557,543 22	\$352,539 30 ²	\$7,577,102 83

N-North System

S-South System

¹ Does not include standby charges: Cambridge \$27,928.84; Waltham \$8,504.93 (Chap. 543, Acts 1943).

² Includes special assessments shown at the bottom of page 22.

STATEMENT I

METROPOLITAN WATER DISTRICT

Total Water Debt, April 1, 1943

Under Metropolitan District Commission:

Gross Water Debt April 1, 1943:

Bonds outstanding (Sinking Fund)	\$4,898,000 00	
Bonds outstanding (Serial)	1,721,000 00	
		<u>\$6,619,000 00</u>

a decrease for the year of \$2,112,000 00

Sinking Fund April 1, 1943		<u>4,643,244 93</u>
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a decrease for the year of \$1,620,584 79

Net debt April 1, 1943		\$1,975,755 07
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a decrease for the year of \$491,415 21

Under Metropolitan District Water Supply Commission:

Gross (and net) debt April 1, 1943		43,841,000 00
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an increase for the year of \$511,000 00

Total Net Water Debt		<u><u>\$45,816,755 07</u></u>
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an increase for the year of \$19,584 79

Total Water Assessment for 1943:

Serial Bonds:

Under Metropolitan District Commission	\$111,000 00	
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Under Metropolitan District Water Supply

Commission	\$1,489,000 00	
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Less premium	24,860 00	1,464,140 00
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Total serial bond assessment		\$1,575,140 00
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Interest:

Under Metropolitan District Commission:

Six months on \$6,898,000	\$120,217 50	
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Six months on 4,898,000	\$5,217 50	
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Six months on 1,833,000	36,506 25	
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Six months on 1,721,000	34,283 75	
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Interest on advances and temporary loans, estimated, 1943

12,000 00

\$288,225 00

Less adjustment of interest

charges in 1942	12,704 30	
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\$275,520 70

Under Metropolitan District Water Supply Commission:

Six months on \$44,613,000	\$602,501 25	
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Six months on 43,841,000	589,373 75	
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Interest on advances and temporary loans, estimated, 1943

25,000 00

\$1,216,875 00

Less adjustment of interest

charges in 1942	31,397 41	
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1,185,477 59

Total Interest		1,460,998 29
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Maintenance as appropriated by Legislature	1,815,919 48	
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Less balance on hand	92,312 18	<u>1,723,607 30</u>
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Metropolitan Water Assessment		\$4,759,745 59
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Credit to Brookline for water furnished		<u>137,854 94</u>
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Total Metropolitan Water Assessment		<u>\$4,897,600 53</u>
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METROPOLITAN WATER LOAN

Sinking Fund

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1942	Amount of Dec. 1, 1942, Sinking Fund at Maturity of Loan*	Balance to be provided for	Sinking Fund Requirements for 1943
\$2,000,000	Jan. 1943	\$2,000,000 00	\$2,000,000 00	—	—
2,000,000	Jan. 1944	1,998,307 49	2,079,039 11	—	—
650,000	Jan. 1945	625,755 05	677,337 39	—	—
1,350,000	Jan. 1946	1,234,383 29	1,390,116 06	—	—
398,000	Jan. 1949	313,832 62	398,015 64	—	—
500,000	Jan. 1950	372,695 61	491,763 94	—	—
\$6,898,000	—	\$6,544,974 06	\$7,036,272 14	—	—

*Accumulations reckoned at 4%.

COMPUTATIONS FOR DETERMINING THE ASSESSMENT FOR 1943 (*See Section 26 of Chapter 92, General Laws.*)

(The proportion to be paid by each city and town is based as follows: One third in proportion to their valuations and the remaining two-thirds in proportion to their consumption in the preceding year. The last column shows the total ratio to be paid by each city and town of the whole assessment. To find each city's and town's assessment, multiply the total assessment by the average ratio.)

CITIES AND TOWNS	Valuation (for State Tax) (Chap. 633, Acts of 1941)	Average Daily Con- sumption (Gallons) 1942	Ratios of Totals Valuation Consumption	Average Ratios Double Weight to Con- sumption
Arlington . . .	\$62,291,083	2,234,100	.023785	.017475
Belmont . . .	53,923,552	1,580,300	.020590	.013617
Boston . . .	1,511,499,729	102,100,500	.577100	.628677
Brookline . . .	156,679,693	4,830,800	.059821	.040584
Chelsea . . .	45,728,672	3,831,200	.017460	.024558
Everett . . .	74,739,013	6,326,100	.028536	.036545
Lexington . . .	25,151,469	699,600	.009603	.006190
Malden . . .	75,392,344	4,275,600	.028785	.027866
Medford . . .	85,174,878	3,707,500	.032520	.026683
Melrose . . .	40,499,163	1,502,600	.015463	.011576
Milton . . .	42,276,230	1,016,700	.016141	.009725
Nahant . . .	6,061,675	228,200	.002314	.001747
Newton ¹ . . .	34,587,629	—	.013206	.004402
Quincy . . .	134,338,237	5,604,400	.051291	.041046
Revere . . .	39,240,828	2,215,300	.014982	.014461
Somerville . . .	108,968,401	9,755,400	.041605	.055556
Stoneham . . .	16,141,913	629,300	.006163	.004744
Swampscott . . .	25,239,157	836,900	.009637	.006789
Watertown . . .	55,852,348	3,269,600	.021325	.021080
Winthrop . . .	25,340,227	1,362,000	.009675	.009045
	\$2,619,131,241	156,006,100	1.000000	1.000000

¹ In accordance with the provisions of the act above referred to, but one-fifth of the total valuation and no consumption has been taken, for at present this city has a sufficient supply, and has not made application for water.

METROPOLITAN WATER LOAN
Division of Assessment for 1943

CITIES AND TOWNS	Serial Bonds	Serial Bonds Add. Water Loan	Interest	Interest Additional Water Loan	Maintenance	Credit to Brookline for Water furnished	Totals
Arlington	\$1,939 73	\$25,585 85	\$4,814 72	\$20,716 22	\$30,120 04	\$2,409 02	\$85,585 58
Belmont	1,511 49	19,937 19	3,751 77	16,142 65	23,470 36	1,877 17	66,690 63
Boston	69,753 15	920,471 14	173,213 53	745,282 43	1,083,332 27	86,666 23	3,079,008 81
Brookline	4,564 82	59,420 66	11,181 73	48,111 42	69,936 88	5,594 70	198,764 21
Chelsea	2,463 31	32,492 20	6,114 36	26,308 12	38,236 29	3,059 28	108,687 56
Everett	4,056 50	53,506 99	10,068 90	43,323 28	62,989 23	5,037 91	178,982 81
Lexington	687 09	9,063 03	1,705 47	7,338 11	10,669 13	853 32	30,316 15
Malden	3,093 13	40,799 73	7,677 66	33,034 52	48,030 04	3,841 47	136,476 55
Medford	2,961 81	39,067 65	7,351 72	31,632 10	45,991 01	3,678 38	130,682 67
Melrose	1,284 94	16,948 88	3,189 43	13,723 09	19,952 48	1,595 81	56,694 63
Milton	1,079 48	14,238 76	2,679 44	11,528 77	16,762 08	1,340 64	47,629 17
Nahant	193 92	2,557 85	481 33	2,071 03	3,011 14	240 83	8,556 10
Newton	488 62	6,445 14	1,212 84	5,218 47	7,587 32	606 84	21,559 23
Quincy	4,556 10	60,097 09	11,309 02	48,659 11	70,747 19	5,658 39	201,026 90
Revere	1,605 17	21,172 93	3,984 30	17,143 19	24,925 09	1,993 52	70,824 20
Somerville	6,166 72	81,341 76	15,306 83	65,860 39	95,756 73	7,658 67	272,091 10
Stonham	526 58	6,945 88	1,307 07	5,633 91	8,176 79	633 98	23,234 21
Swampscott	753 57	9,940 05	1,870 51	8,048 21	11,701 57	935 90	33,249 81
Watertown	2,339 88	30,864 07	5,807 98	24,989 87	36,333 64	2,905 98	103,241 42
Winthrop	1,003 99	13,243 15	2,492 09	10,722 64	15,590 02	1,246 90	44,298 79
	\$111,000 00	\$1,464,140 00	\$275,520 70	\$1,185,477 59	\$1,723,607 30	\$137,854 94	\$4,897,600 53
Less Credit to Brookline for water furnished							137,854 94
Net Assessment							\$4,759,745 59

Does not include standby charges: Cambridge \$27,928.84; Waltham \$8,504.93 (Chap. 543, Acts 1943).

Comparison of Assessments, 1942 and 1943, with Revenue from Water Rates in 1942

CITIES AND TOWNS	Water Assessments		Water Revenue received by Cities and Towns, 1942
	1942	1943	
Arlington	\$82,200 59	\$85,585 58	\$183,457 08 ¹
Belmont	65,268 36	66,690 63	145,299 51 ²
Boston	2,906,978 76	3,079,008 81	5,286,999 72 ¹
Brookline	194,702 19	198,764 21	370,846 72 ¹
Chelsea	99,800 10	108,687 56	170,240 04
Everett	163,381 74	178,982 81	299,818 77 ²
Lexington	28,850 60	30,316 15	83,176 90 ¹
Malden	132,306 85	136,476 55	253,916 33 ¹
Medford	122,566 41	130,682 67	241,613 47 ²
Melrose	53,729 97	56,694 63	113,315 19 ³
Milton	45,796 75	47,629 17	153,972 80 ⁴
Nahant	8,517 09	8,556 10	16,301 44 ⁵
Newton	20,732 03	21,559 23	—
Quincy	181,379 74	201,026 90	483,275 78 ¹
Revere	63,868 92	70,824 20	131,382 39 ¹
Somerville	273,186 40	272,091 10	472,094 23 ¹
Stoneham	22,265 85	23,234 21	58,358 25 ⁴
Swampscott	31,603 13	33,249 81	58,467 24 ¹
Watertown	93,215 34	103,241 42	299,129 83 ²
Winthrop	43,540 04	44,298 79	82,982 83 ³
	\$4,633,890 86	\$4,897,600 53	\$8,904,648 52

¹ No money received from hydrant rentals, street watering or municipal departments.

² No money received from hydrant rentals or street watering.

³ No money received from street watering.

⁴ No money received from street watering or municipal departments.

⁵ Not taking regular supply from district.

Net Water Debt of the Cities of the Original Metropolitan Water District

CITIES	Jan. 1, 1942	Jan. 1, 1943	Decrease
Boston	\$512,000 00	\$459,000 00	\$53,000 00
Chelsea	—	—	—
Everett	92,000 00	92,000 00	—
Malden	105,000 00	105,000 00	—
Medford	392,000 00	368,000 00	24,000 00
Melrose	—	—	—
Somerville	227,000 00	239,000 00	12,000 00 ¹
	\$1,328,000 00	\$1,263,000 00	\$65,000 00

¹ Increase.

STATEMENT II

METROPOLITAN PARKS DISTRICT

Gross Parks Debt April 1, 1943:

Bonds outstanding (Sinking Fund) \$1,680,000 00

Bonds outstanding (Serial) 21,000 00

\$1,701,000 00

a decrease for the year of \$127,000 00

Sinking Fund, April 1, 1943 1,563,141 85

a decrease for the year of \$29,841 70

Net Parks Debt April 1, 1943 \$137,858 15

a decrease for the year of \$97,158 30

BOULEVARDS

Gross Parks, Series Two (Boulevards) Debt April 1, 1943:

Bonds outstanding (Sinking Fund) (one-half)	\$775,000 00
Bonds outstanding (Serial) (one-half)	223,500 00

\$998,500 00

a decrease for the year of \$138,437 50.

Sinking Fund April 1, 1943 (one-half)	718,557 32
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a decrease for the year of \$9,916 48

Net parks, Series Two (Boulevards) Debt April 1, 1943	\$279,942 68
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a decrease for the year of \$128,521 02

METROPOLITAN PARKS LOAN

Total Parks Assessment for 1943 is made up as follows:

Parks Sinking Fund	\$5,883 34
Parks, Series Two, Sinking Fund	3,449 00
Parks, Serial Bonds	2,000 00
Parks, Series Two, Serial Bonds	63,000 00

Parks Interest:

Six months on \$1,805,000 \$31,350 00

Six months on 1,680,000 29,312 50

Six months on 23,000 437 50

Six months on 21,000 400 00

Interest on advances and temporary loans, estimated, 1943 1,000 00

62,500 00

Less adjustment of interest charges in 1942 1,363 88

\$61,136 12

Parks, Series Two, Interest:

Six months on \$830,000 00 \$14,493 75

Six months on 775,000 00 13,531 25

Six months on 293,062 50 5,880 00

Six months on 223,500 00 4,482 50

Interest on advances and temporary loans, estimated, 1943 500 00

\$38,887 50

Less adjustment of interest charges in 1942 690 96

\$38,196 54

Parks maintenance as appropriated

by Legislature \$755,248 44

Less balance on hand 221,000 39

534,248 05

Nantasket maintenance as appropriated

by Legislature \$72,275 00

Less balance on hand 10,768 27

61,506 73\$769,419 78

METROPOLITAN PARKS INCLUDING BOULEVARDS AND NANTASKET

Total Assessments and Grand Total

CITIES AND TOWNS	Total Sinking Funds	Total Serial Bonds	Total Interest	Total Maintenance	Grand Totals
Arlington . . .	\$167 87	\$1,169 29	\$1,786 90	\$11,470 68	\$14,594 74
Belmont . . .	145 33	1,012 31	1,547 00	8,850 07	11,554 71
Boston . . .	4,073 52	28,372 24	43,358 31	250,516 20	326,320 27
Braintree . . .	75 73	527 47	806 09	4,942 00	6,351 29
Brookline . . .	422 25	2,940 99	4,494 40	21,781 99	29,639 63
Cambridge . . .	501 79	3,494 98	5,341 02	33,073 39	42,411 18
Canton . . .	25 38	176 74	270 09	1,780 17	2,252 38
Chelsea . . .	123 25	858 38	1,311 78	10,073 07	12,366 48
Cohasset . . .	—	—	—	187 29	187 29
Dedham . . .	75 44	511 49	781 65	4,739 94	6,106 52
Dover . . .	16 24	113 10	172 84	762 77	1,064 95
Everett . . .	201 43	1,402 90	2,143 90	13,591 97	17,340 20
Hingham . . .	45 98	320 25	489 41	2,730 81	3,586 45
Hull . . .	45 86	319 41	488 12	1,915 28	2,768 67
Lynn . . .	383 74	2,672 80	4,084 56	27,146 03	34,287 13
Malden . . .	203 18	1,415 18	2,162 68	15,214 84	18,995 88
Medford . . .	229 55	1,598 80	2,443 29	16,847 59	21,119 23
Melrose . . .	109 15	760 18	1,161 70	7,362 68	9,393 71
Milton . . .	113 94	793 59	1,212 75	6,610 97	8,731 25
Nahant . . .	16 34	113 75	173 83	829 63	1,133 55
Needham . . .	71 06	494 91	756 32	4,230 68	5,552 97
Newton . . .	466 08	3,246 23	4,960 87	26,116 29	34,789 47
Quincy . . .	362 04	2,521 68	3,853 61	23,280 22	30,017 55
Revere . . .	105 75	736 58	1,125 63	8,504 54	10,472 50
Saugus . . .	43 84	305 37	466 67	3,604 18	4,420 06
Somerville . . .	293 67	2,045 43	3,125 80	24,539 50	30,004 40
Stoneham . . .	43 50	302 96	462 99	3,027 58	3,837 03
Swampscott . . .	68 02	473 79	724 04	3,889 60	5,155 45
Wakefield . . .	59 90	417 17	637 52	4,362 98	5,477 57
Waltham . . .	152 80	1,064 31	1,626 47	10,941 05	13,784 63
Watertown . . .	150 52	1,048 39	1,602 13	10,222 44	13,023 48
Wellesley . . .	124 19	864 95	1,321 82	6,473 16	8,784 12
Weston . . .	29 73	207 09	316 47	1,545 45	2,098 74
Westwood . . .	20 32	141 50	216 24	1,184 34	1,562 40
Weymouth . . .	142 98	995 86	1,521 88	8,350 00	11,010 72
Winchester . . .	94 91	661 05	1,010 21	5,436 66	7,202 83
Winthrop . . .	68 29	475 67	726 91	4,734 49	6,005 36
Wohurn . . .	60 77	423 21	646 76	4,884 25	6,014 99
	\$9,332 34	\$65,000 00	\$99,332 66	\$595,754 78	\$769,419 78

METROPOLITAN PARKS AND BOULEVARDS AND CHARLES RIVER BASIN

Proportions as determined by Metropolitan District Commission.

CITIES AND TOWNS	Valuation (Chapter 633 Acts of 1941)	Per Cent.	Population U. S. Census 1940	Per Cent.	Average Per Cent.	Per Cent.
Arlington . .	\$62,291,083	.017989	40,013	.020823	.019406	.017934
Belmont . .	53,928,552	.015574	26,867	.013982	.014778	.015526
Boston . .	1,511,499,729	.436496	770,816	.401133	.418814	.435166
Braintree . .	28,099,834	.008115	16,378	.008523	.008319	.008090
Brookline . .	156,679,693	.045246	49,786	.025909	.035578	.045109
Cambridge . .	186,192,274	.053769	110,879	.057702	.055735	.053605
Canton . .	9,414,591	.002719	6,381	.003321	.003020	.002711
Chelsea . .	45,728,672	.013206	41,259	.021471	.017339	.013165
Dedham . .	27,249,029	.007869	15,508	.008070	.007969	.007845
Dover . .	6,024,926	.001740	1,374	.000715	.001228	.001735
Everett . .	74,739,013	.021583	46,784	.024346	.022964	.021518
Hingham . .	17,062,339	.004927	8,003	.004165	.004546	.004912
Hull . .	17,015,842	.004914	2,167	.001128	.003021	.004899
Lynn . .	142,390,933	.041120	98,123	.051063	.046092	.040995
Malden . .	75,392,344	.021772	58,010	.030188	.025980	.021706
Medford . .	85,174,878	.024597	63,083	.032828	.028712	.024522
Melrose . .	40,499,163	.011695	25,333	.013183	.012439	.011660
Milton . .	42,276,230	.012209	18,708	.009736	.010973	.012172
Nahant . .	6,061,675	.001750	1,835	.000955	.001352	.001745
Needham . .	26,366,935	.007614	12,445	.006476	.007045	.007591
Newton . .	172,938,145	.049942	69,873	.036362	.043152	.049790
Quincy . .	134,338,237	.038795	75,810	.039452	.039123	.038676
Revere . .	39,240,828	.011332	34,405	.017904	.014618	.011298
Saugus . .	16,269,296	.004698	14,825	.007715	.006207	.004684
Somerville . .	108,968,401	.031468	102,177	.053173	.042321	.031372
Stoneham . .	16,141,913	.004661	10,765	.005602	.005132	.004647
Swampscott . .	25,239,157	.007289	10,761	.005600	.006444	.007266
Wakefield . .	22,224,041	.006418	16,223	.008443	.007430	.006398
Waltham . .	56,699,546	.016374	40,020	.020826	.018600	.016324
Watertown . .	55,852,348	.016129	35,427	.018436	.017283	.016080
Wellesley . .	46,080,595	.013307	15,127	.007872	.010589	.013267
Weston . .	11,033,179	.003186	3,590	.001868	.002527	.003177
Westwood . .	7,538,322	.002177	3,376	.001757	.001967	.002170
Weymouth . .	53,053,332	.015321	23,868	.012421	.013871	.015274
Winchester . .	35,215,980	.010170	15,081	.007848	.009009	.010139
Winthrop . .	25,340,227	.007318	16,768	.008726	.008022	.007296
Woburn . .	22,544,900	.006511	19,751	.010278	.008395	.006491
	\$3,462,806,182	1.000000 ¹	1,921,599	1.000000	1.000000 ²	
Cohasset . .	10,578,029					.003045
	\$3,473,384,211					1.000000 ³

¹ Sinking Funds Serial Bonds and Interest, and Charles River Basin Maintenance.² Parks Maintenance (except Nantasket).³ Nantasket Maintenance.

METROPOLITAN PARKS LOAN

Sinking Fund

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1942	Amount of Dec. 1, 1942, Sinking Fund at Ma- turity of Loan*	Balance to be Provided for	Sinking Fund Re- quirements for 1943
\$125,000	Jan., 1943	\$125,000 00	\$125,000 00	—	—
340,000	July, 1943	340,000 00	340,000 00	—	—
300,000	Jan., 1944	291,072 38	301,349 05	—	—
370,000	Jan., 1945	342,636 26	367,257 76	\$2,742 24	\$1,347 33
300,000	Jan., 1946	265,789 40	294,947 12	5,052 88	1,626 20
300,000	Jan., 1947	252,737 58	290,365 60	9,634 40	2,284 73
70,000	Jan., 1949	53,516 59	65,902 43	4,097 57	625 08
\$1,805,000	—	\$1,670,752 21	\$1,784,821 96	\$21,527 09	\$5,883 34

METROPOLITAN PARKS LOAN—SERIES TWO

Sinking Fund

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1942	Amount of Dec. 1, 1942 Sinking Fund at Ma- turity of loan*	Balance to be pro- vided for	Sinking Fund Requirements for 1943
\$55,000	Jan., 1943	\$55,000 00	\$55,000 00	—	—
150,000	July, 1943	150,000 00	150,000 00	—	—
150,000	Jan., 1944	145,354 58	150,486 50	—	—
150,000	Jan., 1945	138,596 77	148,556 20	\$1,443 80	\$709 00
150,000	Jan., 1946	131,752 75	146,206 33	3,793 67	1,221 00
150,000	Jan., 1947	125,928 71	144,677 20	5,322 80	1,262 00
25,000	Jan., 1949	18,933 70	23,315 70	1,684 30	257 00
\$830,000	—	\$765,566 51	\$818,241 93	\$11,244 57	\$3,449 00

*Accumulations reckoned at 3½%.

METROPOLITAN PARKS LOAN INCLUDING BOULEVARDS

Sinking Fund Requirements

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington	\$105 83	\$62 04	\$167 87
Belmont	91 62	53 71	145 33
Boston	2,568 05	1,505 47	4,073 52
Braintree	47 74	27 99	75 73
Brookline	266 20	156 05	422 25
Cambridge	316 34	185 45	501 79
Canton	16 00	9 38	25 38
Chelsea	77 70	45 55	123 25
Dedham	46 30	27 14	73 44
Dover	10 24	6 00	16 24
Everett	126 99	74 44	201 43
Hingham	28 99	16 99	45 98
Hull	28 91	16 95	45 86
Lynn	241 92	141 82	383 74
Malden	128 09	75 09	203 18
Medford	144 71	84 84	229 55
Melrose	68 81	40 34	109 15
Milton	71 83	42 11	113 94
Nahant	10 30	6 04	16 34
Needham	44 80	26 26	71 06
Newton	293 83	172 25	466 08
Quincy	228 24	133 80	362 04
Revere	66 67	39 08	105 75
Saugus	27 64	16 20	43 84
Somerville	185 14	108 53	293 67
Stoneham	27 42	16 08	43 50
Swampscott	42 88	25 14	68 02
Wakefield	37 76	22 14	59 90
Waltham	96 33	56 47	152 80
Watertown	94 89	55 63	150 52
Wellesley	78 29	45 90	124 19
Weston	18 74	10 99	29 73
Westwood	12 81	7 51	20 32
Weymouth	90 14	52 84	142 98
Winchester	59 83	35 08	94 91
Winthrop	43 05	25 24	68 29
Woburn	38 31	22 46	60 77
	<u>\$5,883 34</u>	<u>\$3,449 00</u>	<u>\$9,332 34</u>

METROPOLITAN PARKS LOANS

Serial Bond Requirements

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington	\$35 98	\$1,133 31	\$1,169 29
Belmont	31 15	981 16	1,012 31
Boston	872 99	27,499 25	28,372 24
Braintree	16 23	511 24	527 47
Brookline	90 49	2,850 50	2,940 99
Cambridge	107 54	3,387 44	3,494 98
Canton	5 44	171 30	176 74
Chelsea	26 41	831 97	858 38
Dedham	15 74	495 75	511 49
Dover	3 48	109 62	113 10
Everett	43 17	1,359 73	1,402 90
Hingham	9 85	310 40	320 25
Hull	9 83	309 58	319 41
Lynn	82 24	2,590 56	2,672 80
Malden	43 54	1,371 64	1,415 18
Medford	49 19	1,549 61	1,598 80
Melrose	23 39	736 79	760 18
Milton	24 42	769 17	793 59
Nahant	3 50	110 25	113 75
Needham	15 23	479 68	494 91
Newton	99 88	3,146 35	3,246 23
Quincy	77 59	2,444 09	2,521 68
Revere	22 66	713 92	736 58
Saugus	9 40	295 97	305 37
Somerville	62 94	1,982 49	2,045 43
Stoneham	9 32	293 64	302 96
Swampscott	14 58	459 21	473 79
Wakefield	12 84	404 33	417 17
Waltham	32 75	1,031 56	1,064 31
Watertown	32 26	1,016 13	1,048 39
Wellesley	26 61	838 34	864 95
Weston	6 37	200 72	207 09
Westwood	4 35	137 15	141 50
Weymouth	30 64	965 22	995 86
Winchester	20 34	640 71	661 05
Winthrop	14 64	461 03	475 67
Woburn	13 02	410 19	423 21
	\$2,000 00	\$63,000 00	\$65,000 00

METROPOLITAN PARKS LOAN INCLUDING BOULEVARDS

Interest Requirements

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington	\$1,099 78	\$687 12	\$1,786 90
Belmont	952 13	594 87	1,547 00
Boston	26,685 67	16,672 64	43,358 31
Braintree	496 12	309 97	806 09
Brookline	2,766 16	1,728 24	4,494 40
Cambridge	3,287 23	2,053 79	5,341 02
Canton	166 23	103 86	270 09
Chelsea	807 36	504 42	1,311 78
Dedham	481 08	300 57	781 65
Dover	106 38	66 46	172 84
Everett	1,319 50	824 40	2,143 90
Hingham	301 22	188 19	489 41
Hull	300 42	187 70	488 12
Lynn	2,513 92	1,570 64	4,084 56
Malden	1,331 06	831 62	2,162 68
Medford	1,503 77	939 52	2,443 29
Melrose	714 99	446 71	1,161 70
Milton	746 41	466 34	1,212 75
Nahant	106 99	66 84	173 83
Needham	465 49	290 83	756 32
Newton	3,053 26	1,907 61	4,960 87
Quincy	2,371 78	1,481 83	3,853 61
Revere	692 79	432 84	1,125 63
Saugus	287 22	179 45	466 67
Somerville	1,923 83	1,201 97	3,125 80
Stoneham	284 96	178 03	462 99
Swampscott	445 62	278 42	724 04
Wakefield	392 37	245 15	637 52
Waltham	1,001 04	625 43	1,626 47
Watertown	986 06	616 07	1,602 13
Wellesley	813 54	508 28	1,321 82
Weston	194 78	121 69	316 47
Westwood	133 09	83 15	216 24
Weymouth	936 67	585 21	1,521 88
Winchester	621 75	388 46	1,010 21
Winthrop	447 39	279 52	726 91
Woburn	398 06	248 70	646 76
	<u>\$61,136 12</u>	<u>\$38,196 54</u>	<u>\$99,332 66</u>

METROPOLITAN PARKS LOAN INCLUDING NANTASKET
Maintenance Requirements

CITIES AND TOWNS	Parks	Nantasket	Total
Arlington	\$10,367 62	\$1,103 06	\$11,470 68
Belmont	7,895 12	954 95	8,850 07
Boston	223,750 56	26,765 64	250,516 20
Braintree	4,444 41	497 59	4,942 00
Brookline	19,007 48	2,774 51	21,781 99
Cambridge	29,776 32	3,297 07	33,073 39
Canton	1,613 43	166 74	1,780 17
Chelsea	9,263 33	809 74	10,073 07
Cohasset	—	187 29	187 29
Dedham	4,257 42	482 52	4,739 94
Dover	656 06	106 71	762 77
Everett	12,268 47	1,323 50	13,591 97
Hingham	2,428 69	302 12	2,730 81
Hull	1,613 96	301 32	1,915 28
Lynn	24,624 56	2,521 47	27,146 03
Malden	13,879 77	1,335 07	15,214 84
Medford	15,339 33	1,508 26	16,847 59
Melrose	6,645 51	717 17	7,362 68
Milton	5,862 31	748 66	6,610 97
Nahant	722 30	107 33	829 63
Needham	3,763 78	466 90	4,230 68
Newton	23,053 87	3,062 42	26,116 29
Quincy	20,901 39	2,378 83	23,280 22
Revere	7,809 64	694 90	8,504 54
Saugus	3,316 08	288 10	3,604 18
Somerville	22,609 91	1,929 59	24,539 50
Stoneham	2,741 76	285 82	3,027 58
Swampscott	3,442 69	446 91	3,889 60
Wakefield	3,969 46	393 52	4,362 98
Waltham	9,937 01	1,004 04	10,941 05
Watertown	9,233 41	989 03	10,222 44
Wellesley	5,657 15	816 01	6,473 16
Weston	1,350 04	195 41	1,545 45
Westwood	1,050 87	133 47	1,184 34
Weymouth	7,410 55	939 45	8,350 00
Winchester	4,813 04	623 62	5,436 66
Winthrop	4,285 74	448 75	4,734 49
Woburn	4,485 01	399 24	4,884 25
	\$534,248 05	\$61,506 73	\$595,754 78

STATEMENT III

METROPOLITAN SEWERAGE

Debt, North System

Gross Sewerage, North System, Debt, April 1, 1943:

Bonds outstanding (Sinking Fund) \$718,000 00
 Bonds outstanding (Serial) : 3,744,000 00

\$4,462,000 00

a decrease for the year of \$366,500 00

Sinking Fund April 1, 1943 595,353 85

a decrease for the year of \$10,819 23

Net Sewerage, North System, Debt, April 1, 1943 . . . \$3,866,646 15

a decrease for the year of \$355,680 77

Assessment, North System

Sinking Fund			\$12,108 71
Serial Bonds			260,000 00
Interest:			
Six months on	\$2,162,000	\$30,568 75	
Six months on	1,857,000	25,231 25	
Six months on	2,445,000	18,337 50	
Six months on	2,300,000	17,250 00	
Four months on	50,000	583 34	
Four months on	13,000	173 33	
Four months on	305,000	3,558 34	
On advances and temporary loans, estimated, 1943		1,500 00	
			\$97,202 51
Less adjustment of interest charges in 1942			2,131 31
			<u>95,071 20</u>
Maintenance as appropriated by Legislature	\$528,842 01		
Less balance on hand	15,160 76		
			<u>513,681 25</u>
Total North Metropolitan Sewerage Assessment			<u>\$880,861 16</u>

METROPOLITAN SEWERAGE DISTRICT

Debt, South System

Gross Sewerage, South System, Debt, April 1, 1943:

Bonds outstanding (Sinking Fund)	\$1,567,000 00	
Bonds outstanding (Serial)	1,687,000 00	
		<u>\$3,254,000 00</u>
a decrease for the year of \$1,173,000 00		
Sinking Fund, April 1, 1943		<u>1,710,394 85</u>
a decrease for the year of \$892,687 02		
Net Sewerage, South System, Debt, April 1, 1943		<u><u>\$1,543,605 15</u></u>
a decrease for the year of \$280,312 98		

Assessment, South System

Serial Bonds			\$182,000 00
Interest:			
One year on	\$3,254,000	\$117,555 00	
Four months on	996,000	11,620 00	
On advances and temporary loans, estimated, 1943		1,500 00	130,675 00
			<u>128,084 35</u>
Less adjustment of interest charges in 1942		2,590 65	
			<u>128,084 35</u>
Maintenance as appropriated by Legislature	\$373,113 01		
Less balance on hand	6,515 30		
			<u>366,597 71</u>
Total South Metropolitan Sewerage Assessment			<u><u>\$676,682 06</u></u>

METROPOLITAN SEWERAGE LOAN

North System Assessment

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Total
Arlington . . .	\$739 84	\$15,886	\$5,808 85	\$27,892 89	\$50,327 58
Belmont . . .	640 55	13,754	5,029 27	18,749 37	38,173 19
Boston:					
Charlestown and					
East Boston . . .	974 75	20,930	7,653 23	59,432 92	88,990 90
Cambridge . . .	2,212 26	47,502	17,369 51	77,309 03	144,392 80
Chelsea . . .	543 68	11,674	4,268 70	28,766 15	45,252 53
Everett . . .	887 56	19,058	6,968 72	32,618 76	59,533 04
Lexington . . .	299 09	6,422	2,348 26	9,194 89	18,264 24
Malden . . .	896 04	19,240	7,035 27	40,426 71	67,598 02
Medford . . .	1,012 29	21,736	7,947 95	43,971 12	74,667 36
Melrose . . .	480 72	10,322	3,774 33	17,670 64	32,247 69
Reading . . .	217 96	4,680	1,711 28	7,602 48	14,211 72
Revere . . .	466 19	10,010	3,660 24	23,988 91	38,125 34
Somerville . . .	1,294 42	27,794	10,163 11	71,247 59	110,499 12
Stoneham . . .	191 32	4,108	1,502 13	7,499 75	13,801 20
Wakefield . . .	263 97	5,668	2,072 55	11,300 99	19,305 51
Winchester . . .	418 96	8,996	3,289 46	10,530 46	23,234 88
Winthrop . . .	301 51	6,474	2,367 27	11,711 93	20,854 71
Woburn . . .	267 60	5,746	2,101 07	13,766 66	21,881 33
	\$12,108 71	\$260,000	\$95,071 20	\$513,681 25	\$880,861 16

METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM

Sinking Fund

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1942	Amount of Dec. 1, 1942, Sinking Fund at maturity of loan*	Balance	Portion of balance to be provided for this year	Sinking Fund Re- quirements for 1943
\$250,000 (250,000)	July, 1943 Sunk	\$250,000 00	\$250,000 00	—	—	—
50,000 (50,000)	Jan., 1943 Sunk	50,000 00	50,000 00	—	—	—
55,000 (55,000)	July, 1943 Sunk	55,000 00	55,000 00	—	—	—
300,000 (232,500)	Jan., 1949 Sunk	207,374 67	255,369 32	277,130 68	10,392 40	8,737 19
113,000 (87,575)	Jan., 1949 Sunk	76,037 23	93,635 23	106,939 77	4,010 24	3,371 52
\$768,000 (\$675,075)	— Sunk	\$638,411 90	\$704,004 55	\$384,070 45	\$14,402 64	\$12,108 71

* Accumulations reckoned at 3½%.

METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM

Amounts provided for and to be provided for

Bonds Issued	Due Dates	Amount provided for	Amount to be provided for	1943
\$300,000	1943	1/8+1/6+1/3+30/80	—	—
55,000	1943	1/8+1/6+1/3+30/80	—	—
300,000	1949	1/8+1/6+1/3+12/80	18/80	3/80
113,000	1949	1/8+1/6+1/3+12/80	18/80	3/80

NORTH METROPOLITAN SYSTEM

Ratios of Contributions on the Basis of Valuation of 1940 and the Census Returns of 1940. Assessment made by the Metropolitan District Commission.

CITIES AND TOWNS	State Valuation, Acts of 1941 Chapter 633	Proportion for Interest, Sinking Fund and Serial Bonds (Per Cent.)	Population United States Census, 1940	Proportion for Maintenance and Operation (Per Cent.)
Arlington	\$62,291,083	6.11	40,013	5.43
Belmont	53,928,552	5.29	26,867	3.65
Boston:				
Charlestown and East Boston	82,016,200	8.05	85,250	11.57
Cambridge	186,192,274	18.27	110,879	15.05
Chelsea	45,728,672	4.49	41,259	5.60
Everett	74,739,013	7.33	46,784	6.35
Lexington	25,151,469	2.47	13,187	1.79
Malden	75,392,344	7.40	58,010	7.87
Medford	85,174,878	8.36	63,083	8.56
Melrose	40,499,163	3.97	25,333	3.44
Reading	18,354,846	1.80	10,866	1.48
Revere	39,240,828	3.85	34,405	4.67
Somerville	108,968,401	10.69	102,177	13.87
Stoneham	16,141,913	1.58	10,765	1.46
Wakefield	22,224,041	2.18	16,223	2.20
Winchester	35,215,980	3.46	15,081	2.05
Winthrop	25,340,227	2.49	16,768	2.28
Woburn	22,544,900	2.21	19,751	2.68
	<u>\$1,019,144,784</u>	<u>100.00</u>	<u>736,701</u>	<u>100.00</u>

SOUTH METROPOLITAN SYSTEM

Ratios of Contributions on the Basis of Valuation of 1940 and the Census Returns of 1940. Assessment made by the Metropolitan District Commission.

CITIES AND TOWNS	State Valuation, Acts of 1941 Chapter 633	Proportion for Interest, Sinking Fund and Serial Bonds (Per Cent.)	Population United States Census, 1940	Proportion for Maintenance and Operation (Per Cent.)
Boston:				
All of Brighton and Hyde Park and parts of Back Bay, Roxbury, West Rox- bury and Dorchester	\$424,564,800	32.95	361,565	46.64
Braintree	28,099,834	2.18	16,378	2.11
Brookline	156,679,693	12.16	49,786	6.42
Canton	9,414,591	0.73	6,381	0.82
Dedham	27,249,029	2.11	15,508	2.00
Milton	42,276,230	3.28	18,708	2.41
Needham	26,366,935	2.05	12,445	1.61
Newton	172,938,145	13.42	69,873	9.01
Norwood	27,750,526	2.15	15,383	1.99
Quincy	134,338,237	10.43	75,810	9.78
Stoughton	9,531,021	0.74	8,632	1.11
Walpole	17,633,929	1.37	7,443	0.96
Waltham	56,699,546	4.40	42,947 ¹	5.54
Watertown	55,852,348	4.33	35,427	4.57
Wellesley	46,080,595	3.58	15,127	1.95
Weymouth	53,053,332	4.12	23,868	3.08
	<u>\$1,288,528,791</u>	<u>100.00</u>	<u>775,281</u>	<u>100.00</u>

¹ Including 2,927 inmates and attendants added in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital and Chapter 373, Acts of 1929, in relation to disposal of Sewage of the Middlesex County Tuberculosis Hospital.

METROPOLITAN SEWERAGE LOAN
South System—Assessment

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Boston:				
All of Brighton and Hyde Park and parts of Back Bay, Roxbury, West Rox- bury and Dorchester	\$59,969 00	\$42,203 79	\$170,981 17	\$273,153 96
Braintree	3,967 60	2,792 23	7,735 21	14,495 04
Brookline	22,131 20	15,575 06	23,535 58	61,241 84
Canton	1,328 60	935 02	3,006 10	5,269 72
Dedham	3,840 20	2,702 58	7,331 95	13,874 73
Milton	5,969 60	4,201 17	8,835 00	19,005 77
Needham	3,731 00	2,025 73	5,902 22	12,258 95
Newton	24,424 40	17,188 92	33,030 45	74,643 77
Norwood	3,913 00	2,753 81	7,295 29	13,962 10
Quincy	18,982 60	13,359 20	35,853 26	68,195 06
Stoughton	1,346 80	947 82	4,069 23	6,363 85
Walpole	2,493 40	1,754 76	3,519 34	7,767 50
Waltham	8,008 00	5,635 71	20,309 52	33,953 23
Watertown	7,880 60	5,546 05	16,753 52	30,180 17
Wellesley	6,515 60	4,585 42	7,148 66	18,249 68
Weymouth	7,498 40	5,277 08	11,291 21	24,066 69
	\$182,000 00	\$128,084 35	\$366,597 71	\$676,682 06

METROPOLITAN SEWERAGE LOAN—SOUTH SYSTEM
Sinking Fund

BONDS ISSUED Already pro- vided for	Due Dates	Sinking Fund Dec. 1, 1942
\$996,000	Jan. 1943	\$996,000 00
392,000	July 1944	392,000 00
175,000	Jan. 1946	175,000 00
1,000,000	Jan. 1946	1,000,000 00
Surplus		123,273 03
\$2,563,000	—	\$2,686,273 03

METROPOLITAN PARKS AND SEWERAGE LOANS

Comparison of Assessments 1942 and 1943

CITIES AND TOWNS	PARKS		SEWER	
	1942	1943	1942	1943
Arlington	\$16,253 10	\$14,594 74	\$47,988 32	\$50,327 58
Belmont	12,911 67	11,554 71	37,292 95	38,173 19
Boston	371,207 84	326,320 27	326,308 11	362,144 86
Braintree	7,082 44	6,351 29	13,287 41	14,495 04
Brookline	33,295 42	29,639 63	58,021 12	61,241 84
Cambridge	47,279 63	42,411 18	138,690 55	144,392 80
Canton	2,506 41	2,252 38	4,790 78	5,269 72
Chelsea	13,704 35	12,366 48	41,780 13	45,252 53
Cohasset	203 54	187 29	—	—
Dedham	6,811 69	6,106 52	12,733 63	13,874 73
Dover	1,200 07	1,064 95	—	—
Everett	19,317 45	17,340 20	56,905 57	59,533 04
Hingham	4,010 71	3,586 45	—	—
Hull	3,132 89	2,768 67	—	—
Lexington	—	—	17,759 84	18,264 24
Lynn	38,145 38	34,287 13	—	—
Malden	21,100 05	18,995 88	63,355 86	67,598 02
Medford	23,471 56	21,119 23	70,235 36	74,667 36
Melrose	10,464 92	9,393 71	30,823 77	32,247 69
Milton	9,771 16	8,731 25	17,691 29	19,005 77
Nahant	1,274 00	1,133 55	—	—
Needham	6,209 36	5,552 97	11,369 22	12,258 95
Newton	38,975 84	34,789 47	69,824 46	74,643 77
Norwood	—	—	12,830 87	13,962 10
Quincy	38,490 67	30,017 55	62,624 30	68,195 06
Reading	—	—	13,652 93	14,211 72
Revere	11,610 38	10,472 50	35,291 44	38,125 34
Saugus	4,897 52	4,420 06	—	—
Somerville	33,231 47	30,004 40	101,646 67	110,499 12
Stoneham	4,270 77	3,837 03	12,635 45	13,301 20
Stoughton	—	—	5,695 17	6,363 85
Swampscott	5,772 13	5,155 45	—	—
Wakefield	6,088 94	5,477 57	18,184 81	19,305 51
Walpole	—	—	7,249 09	7,767 50
Waltham	15,330 57	13,784 63	30,673 79	33,953 23
Watertown	14,505 83	13,023 48	27,532 43	30,180 17
Wellesley	9,864 19	8,784 12	17,262 11	18,249 68
Weston	2,357 03	2,098 74	—	—
Westwood	1,748 25	1,562 40	—	—
Weymouth	12,319 66	11,010 72	22,380 87	24,066 69
Winchester	8,063 96	7,202 83	23,026 60	23,234 88
Winthrop	6,684 98	6,005 36	19,828 28	20,854 71
Woburn	6,668 61	6,014 99	20,255 36	21,881 33
	\$870,234 44	\$769,419 78	\$1,449,628 54	\$1,557,543 22

STATEMENT IV

Charles River Basin Loan

Gross Charles River Basin Debt April 1, 1943:

Bonds outstanding (Sinking Fund)	\$4,125,000 00	
Bonds outstanding (Serial)	63,000 00	
		<u>\$4,188,000 00</u>

a decrease for the year of \$10,000 00

Sinking Fund, April 1, 1943		<u>3,582,926 16</u>
---------------------------------------	--	---------------------

an increase for the year of \$181,182 76

Net Charles River Basin Debt, April 1, 1943		\$605,073 84
---	--	--------------

a decrease for the year of \$191,182 76

Total Charles River Basin Assessment for 1943—District

Serial Bonds		\$10,000 00
------------------------	--	-------------

Interest:

One year on	\$4,125,00	\$142,250 00	
Six months on	73,000	1,330 00	
Six months on	63,000	115,000	
Interest on advances and tempo- rary loans, estimated, 1943		<u>4,500 00</u>	
			\$149,230 00

Less adjustment of interest
charges in 1942

Interest on bridge

46,078 32

103,151 68

Maintenance as appropriated by Legislature	\$201,598 00	
--	--------------	--

Less balance on hand

12,423 46

189,174 54

Total Charles River Basin Assessment		<u><u>\$302,326 22</u></u>
--	--	----------------------------

CHARLES RIVER BRIDGE

Sinking Fund		\$8,831 26
------------------------	--	------------

Interest		<u>41,381 82</u>
--------------------	--	------------------

\$50,213 08

Boston and Cambridge, one-half each, \$25,106 54

Analysis of Charles River Basin Debt, June 30, 1943

DEBT	Total	Cambridge Charles River Bridge	Boston Charles River Bridge	District
Gross Debt	\$4,188,000 00	\$600,000 00	\$600,000 00	\$2,988,000 00
Sinking Fund	3,645,838 31	511,382 39	511,382 39	2,623,073 53
Net Debt	<u>\$542,161 69</u>	<u>\$88,617 61</u>	<u>\$88,617 61</u>	<u>\$364,926 47</u>

CHARLES RIVER BASIN LOAN

*Sinking Fund
District*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1942	Amount of Dec. 1, 1942, Sinking Fund at Ma- turity of Loan*	Balance to be pro- vided for	Sinking Fund Re- quirements for 1943
\$177,272 73	Jan. 1944	\$173,557 39	\$179,685 05	—	—
283,636 36	Jan. 1945	268,118 47	287,385 20	—	—
425,454 55	Jan. 1946	388,194 30	430,780 12	—	—
815,454 55	Jan. 1947	718,072 56	824,980 48	—	—
283,636 36	Jan. 1948	241,001 43	608,439 11	—	—
602,727 28	Jan. 1949	494,087 78	286,657 82	—	—
336,818 17	Jan. 1950	266,351 57	339,576 09	—	—
\$2,925,000 00	—	\$2,549,383 50	\$2,957,503 87	—	—

Boston and Cambridge, Charles River Bridge

\$72,727 27	Jan. 1944	\$70,661 63	\$80,403 57	\$—	\$—
116,363 64	Jan. 1945	108,767 81	116,583 76	—	—
174,545 45	Jan. 1946	154,882 22	171,873 16	\$2,672 29	\$860 04
334,545 45	Jan. 1947	281,537 55	323,453 36	11,092 09	2,630 41
116,363 64	Jan. 1948	92,923 63	110,527 50	5,836 14	1,087 66
247,272 72	Jan. 1949	186,879 97	230,131 34	17,141 38	2,614 93
138,181 83	Jan. 1950	98,379 43	125,425 59	12,756 24	1,638 22
\$1,200,000 00	—	\$994,032 24	\$1,158,398 28	\$19,498 14	\$8,831 26

* Accumulations reckoned at 3 1/2 %.

CHARLES RIVER BASIN LOAN—ASSESSMENTS

(For table of percentages see page 11.)

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington	\$179 89	\$1,855 60	\$3,403 06	\$5,438 55
Belmont	155 74	1,606 48	2,946 20	4,708 42
Boston	4,364 96	45,025 30	82,573 93	131,964 19
Braintree	81 15	837 08	1,535 15	2,453 38
Brookline	452 46	4,667 20	8,559 39	13,679 05
Cambridge	537 69	5,546 36	10,171 73	16,255 78
Canton	27 19	280 47	514 37	822 03
Chelsea	132 06	1,362 22	2,498 24	3,992 52
Dedham	78 69	811 70	1,488 61	2,379 00
Dover	17 40	179 48	329 16	526 04
Everett	215 83	2,226 32	4,082 95	6,525 10
Hingham	49 27	508 23	932 06	1,489 56
Hull	49 14	506 89	929 60	1,435 63
Lynn	411 20	4,241 60	7,778 86	12,431 66
Malden	217 72	2,245 82	4,118 71	6,582 25
Medford	245 97	2,537 22	4,653 13	7,436 32
Melrose	116 95	1,206 36	2,212 40	3,535 71
Milton	122 09	1,259 38	2,309 63	3,691 10
Nahant	17 50	180 52	331 06	529 08
Needham	76 14	785 40	1,440 38	2,301 92
Newton	499 42	5,151 60	9,447 75	15,098 77
Quincy	387 95	4,001 77	7,339 03	11,728 75
Revere	113 32	1,168 92	2,143 73	3,425 97
Saugus	46 98	484 61	888 74	1,420 33
Somerville	314 68	3,245 98	5,952 94	9,513 60
Stonham	46 61	480 79	881 74	1,409 14
Swampscott	72 89	751 87	1,378 89	2,203 65
Wakefield	64 18	662 03	1,214 12	1,940 33
Waltham	163 74	1,689 00	3,097 54	4,950 28
Watertown	161 29	1,663 73	3,051 20	4,876 22
Wellesley	133 07	1,372 63	2,517 35	4,023 05
Weston	31 86	328 64	602 71	963 21
Westwood	21 77	224 56	411 83	658 16
Weymouth	153 21	1,580 39	2,898 34	4,631 94
Winchester	101 70	1,049 05	1,923 91	3,074 66
Winthrop	73 18	754 86	1,384 38	2,212 42
Woburn	65 11	671 62	1,231 72	1,968 45
	\$10,000 00	\$103,151 68	\$189,174 54	\$302,326 22

Special assessments on Boston and Cambridge included on page 22 50,213 08

\$352,539 20

STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Parks	Metropolitan Parks Boulevards	Metropolitan Sewerage North System
Bonds Outstanding (Sinking Fund)	\$1,680,000 00	\$775,000 00	\$718,000 00
Bonds Outstanding (Serial)	21,000 00	223,500 00	3,744,000 00
Gross Debt	1,701,000 00	998,500 00	4,462 000 00
Sinking Funds, June 30, 1943	1,590,588 87	731,174 88	606,212 63
Net Debt	110,411 13	267,325 62	3,855,787 37
	For Percentages See Page 11	For Percentages See Page 11	For Percentages See Page 19
1 Arlington	\$1,986 19	\$4,808 92	\$235,588 61
2 Belmont	1,719 54	4,163 32	203,971 15
3 Boston	48,194 02	116,686 56	310,390 88
4 Braintree	895 99	2,169 35	—
5 Brookline	4,995 66	12,095 42	—
6 Cambridge	5,936 70	14,373 83	704,452 35
7 Canton	300 21	726 86	—
8 Chelsea	1,458 09	3,530 30	173,124 85
9 Dedham	868 83	2,103 59	—
10 Dover	192 12	465 15	—
11 Everett	2,383 00	5,769 69	282,629 21
12 Hingham	544 00	1,317 11	—
13 Hull	542 56	1,313 64	—
14 Lexington	—	—	95,237 95
15 Lynn	4,540 11	10,992 43	—
16 Malden	2,403 87	5,820 21	285,328 27
17 Medford	2,715 78	6,575 41	322,343 83
18 Melrose	1,291 26	3,126 37	153,074 76
19 Milton	1,348 01	3,263 78	—
20 Nahant	193 22	467 82	—
21 Needham	840 67	2,035 42	—
22 Newton	5,514 15	13,350 78	—
23 Norwood	—	—	—
24 Quincy	4,283 40	10,370 90	—
25 Reading	—	—	69,404 18
26 Revere	1,251 18	3,029 33	148,447 81
27 Saugus	518 71	1,255 90	—
28 Somerville	3,474 42	8,412 20	412,183 67
29 Stoneham	514 62	1,246 00	60,921 44
30 Stoughton	—	—	—
31 Swampscott	804 78	1,948 54	—
32 Wakefield	708 62	1,715 70	84,056 16
33 Walpole	—	—	—
34 Waltham	1,807 87	4,377 19	—
35 Watertown	1,780 82	4,311 70	—
36 Wellesley	1,469 24	3,557 30	—
37 Weston	351 77	851 70	—
38 Westwood	240 37	581 97	—
39 Weymouth	1,691 61	4,095 69	—
40 Winchester	1,122 88	2,718 70	133,410 24
41 Winthrop	807 98	1,956 29	96,009 11
42 Woburn	718 88	1,740 55	85,212 90
	\$110,411 13	\$267,325 62	\$3,855,787 37

¹ See page 22 for details.² District Proportions.

JUNE 30, 1943 (SECTION 11, CHAPTER 10, GENERAL LAWS)

Metropolitan Sewerage South System	Metropolitan Water	Charles River Basin	Total	
\$1,567,000 00 1,687,000 00	\$4,898,000 00 45,562,000 00	\$4,125,000 00 63,000 00		
3,254,000 00 1,740,423 97	50,460,000 00 4,746,917 32	4,188,000 00 3,645,838 31		
1,513,576 03	45,713,082 68	542,161 69 ¹ 364,926 47 ²		
For Percentages See Page 19	For Percentages See Page 6	For Percentages See Page 11		
—	\$802,538 88	\$6,564 66	\$1,051,487 26	Arlington 1
—	642,725 95	5,683 36	858,263 32	Belmont 2
\$498,723 30	28,375,298 91	247,906 55	29,597,200 22	Boston 3
32,995 96	—	2,961 38	39,022 68	Braintree 4
184,050 85	1,882,876 16	16,511 46	2,100,529 55	Brookline 5
—	—	108,239 34	833,002 22	Cambridge 6
11,049 11	—	992 24	13,068 42	Canton 7
—	1,030,875 73	4,819 22	1,213,808 19	Chelsea 8
31,936 46	—	2,871 61	37,780 49	Dedham 9
—	—	634 97	1,292 24	Dover 10
—	1,714,012 04	7,876 21	2,012,670 15	Everett 11
—	—	1,797 99	3,659 10	Hingham 12
—	—	1,793 25	3,649 45	Hull 13
—	290,369 50	—	385,607 45	Lexington 14
—	—	15,005 78	30,538 32	Lynn 15
—	1,299,897 22	7,945 18	1,601,394 75	Malden 16
—	1,244,538 68	8,976 10	1,585,149 80	Medford 17
—	546,317 06	4,267 82	708,077 27	Melrose 18
49,645 29	458,273 66	4,455 39	516,986 13	Milton 19
—	81,506 43	638 62	82,806 09	Nahant 20
31,028 31	—	2,778 55	36,682 95	Needham 21
203,121 90	211,788 72	18,225 16	452,000 71	Newton 22
32,541 88	—	—	32,541 88	Norwood 23
157,865 98	1,914,235 34	14,157 32	2,100,912 94	Quincy 24
—	—	—	69,404 18	Reading 25
—	679,433 55	4,135 35	836,297 22	Revere 26
—	—	1,714 42	3,489 03	Saugus 27
—	2,597,645 92	11,483 51	3,033,199 72	Somerville 28
—	219,377 09	1,700 92	283,760 07	Stoneham 29
11,200 46	—	—	11,200 46	Stoughton 30
—	319,123 03	2,659 95	324,536 30	Swampscott 31
—	—	2,342 10	88,822 58	Wakefield 32
20,735 99	—	—	20,735 99	Walpole 33
66,597 35	—	5,975 31	78,757 72	Waltham 34
65,537 84	981,414 17	5,885 90	1,058,930 43	Watertown 35
54,186 02	—	4,856 08	64,068 64	Wellesley 36
—	—	1,162 65	2,366 12	Weston 37
—	—	794 44	1,616 78	Westwood 38
62,359 33	—	5,591 04	73,737 67	Weymouth 39
—	—	3,711 30	140,963 12	Winchester 40
—	420,834 64	2,670 53	522,278 55	Winthrop 41
—	—	2,376 03	90,048 36	Woburn 42
\$1,513,576 03	\$45,713,082 68	\$542,161 69	\$52,002,344 52	

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